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NPIC/R-1631/64

November 1964

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR

MISSION 3970

24 NOVEMBER 1964

25X1A

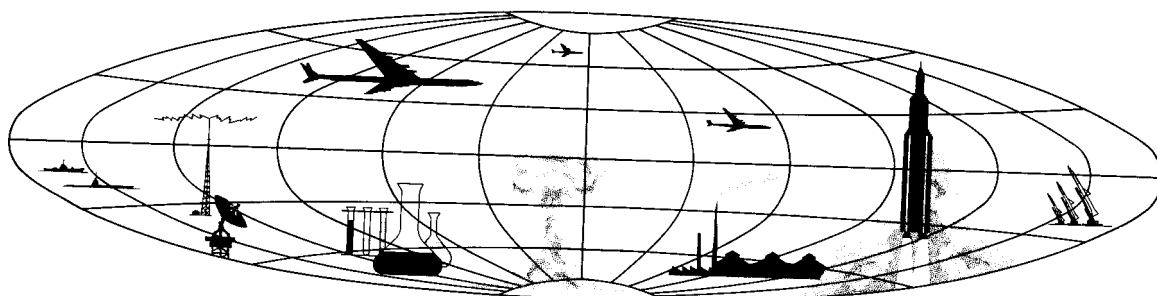


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GROUP 1
Excluded from automatic
downgrading and declassification

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25X1A

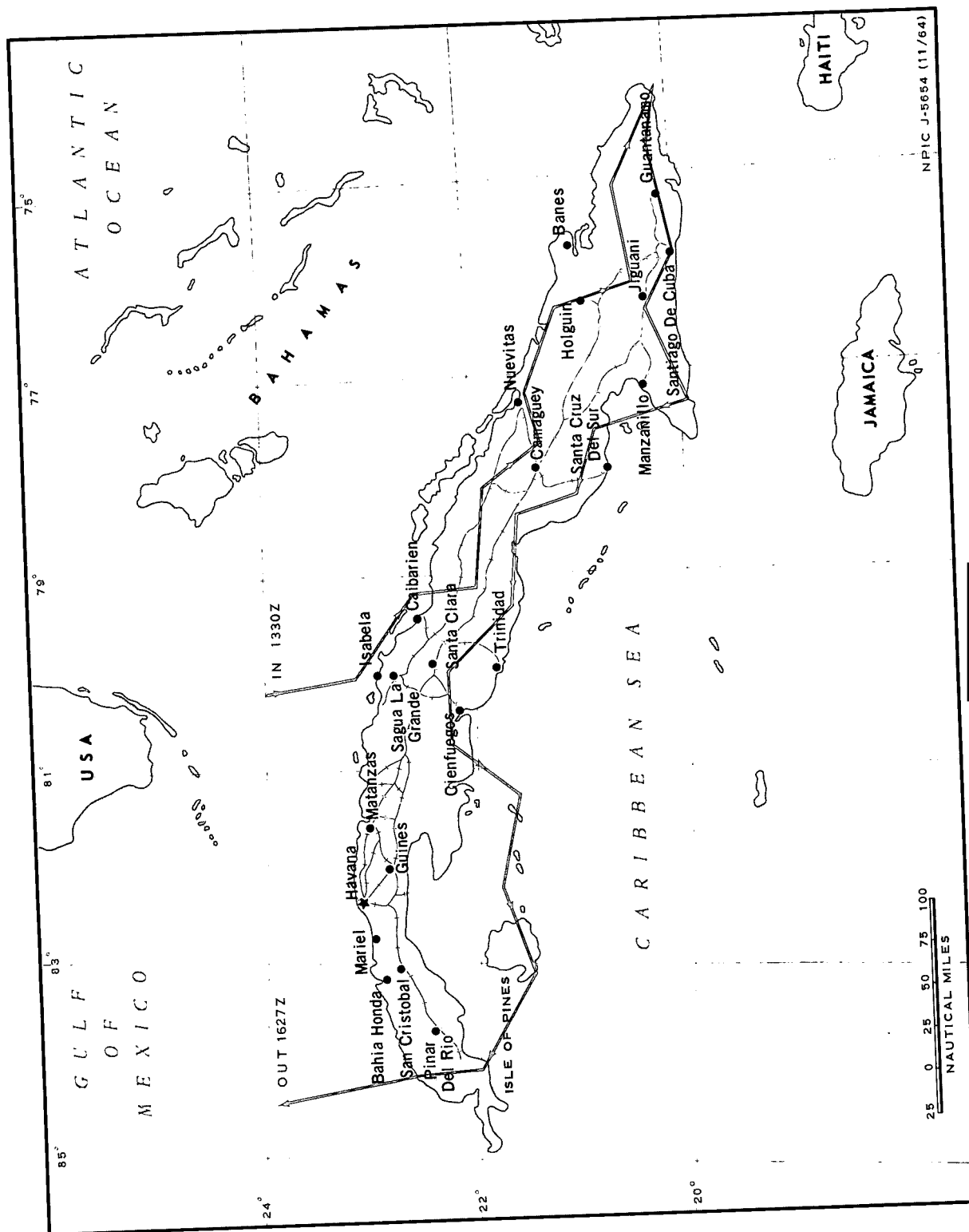
PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM [REDACTED] MISSION 3970, DATED 24 NOV 1964. THE NUMBER APPEARING AT THE BEGINNING OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

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APPROXIMATE TRACK OF

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MISSILES

SIGUANEA SAM SITE 2137N 08257W

SIX LAUNCHERS (5 REVETTED AND CANVAS-COVERED), 7 MISSILE TRANSPORTERS (3 CANVAS-COVERED AND ONE WITHOUT PRIME MOVER), AT LEAST 9 CANVAS-COVERED TRACKED PRIME MOVERS, 10 PROBABLE CARGO TRUCKS, ONE POSSIBLE TRUCK-MOUNTED CRANE, 3 PROBABLE VAN TRAILERS, AND AN OCCUPIED GUIDANCE AREA OBSERVED. AREA SSE -- CLOUD-COVERED. AREA NW -- 10 POSSIBLE MORTARS.

25X1D

25X1A

SANTIAGO DE CUBA SAM SITE 1959N 07550W

SIX UNRENETTED LAUNCHERS (3 WITH MISSILES), 7 CANVAS-COVERED MISSILE TRANSPORTERS, 11 PROBABLE TRACKED PRIME MOVERS, 4 PROBABLE CARGO TRUCKS, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR AND SHED-COVERED EQUIPMENT OBSERVED. ONE ADDITIONAL LAUNCHER REMAINS IN SUPPORT AREA. NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W

TWENTY-THREE MISSILE TRANSPORTERS (ONE WITHOUT PRIME MOVER AND ONE CANVAS-COVERED), 5 FLATBED TRAILERS (4 WITHOUT PRIME MOVERS), AND APPROXIMATELY 70 OTHER VEHICLES OBSERVED. TWO PROBABLE LAUNCHERS AND 12 ASSOCIATED PIECES OF EQUIPMENT REMAIN IN SAM TRAINING AREA.

25X1D

25X1A

MALDONADO SAM SITE 2012N 07528W

SIX REVETTED LAUNCHERS (3 POSSIBLY WITH MISSILES), 6 PROBABLE MISSILE TRANSPORTERS IN A CANVAS-COVERED HOLD REVETMENT, AT LEAST 9 PROBABLE TRACKED PRIME MOVERS, 4 CARGO TRUCKS, 4 OTHER VEHICLES, NUMEROUS PROBABLE MISSILE CANISTERS AND A GUIDANCE

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AREA WITH RADAR, 4 VAN TRAILERS AND SHED-COVERED EQUIPMENT OBSERVED.

25X1D
25X1A

CAMAGUEY AIRFIELD SAM SITE 2122N 07750W

FOUR UNREVIEWED LAUNCHERS (AT LEAST 2 WITH MISSILES), SIX CANVAS-COVERED MISSILE TRANSPORTERS, 11 TRACKED PRIME MOVERS (10 CANVAS-COVERED), 4 CARGO TRUCKS, 4 TRUCK TRACTORS, ONE CARGO TRUCK, ONE POSSIBLE TRUCK-MOUNTED CRANE, AND AN OCCUPIED GUIDANCE AREA OBSERVED IN CLOUD-FREE AREAS.

25X1D
25X1A

HOLGUIN SAM SITE 2052N 07627W

SIX UNREVIEWED LAUNCHERS, 7 MISSILE TRANSPORTERS, NUMEROUS OTHER VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED.
OBLIQUITY LIMITS INTERPRETATION.

25X1D

25X1A

SANTA CLARA SAM SITE 2229N 08000W

SIX UNREVIEWED LAUNCHERS, AT LEAST 6 MISSILE TRANSPORTERS (ONE ADJACENT TO LAUNCHER), AT LEAST 6 POSSIBLE TRACKED PRIME MOVERS, 6 POSSIBLE CARGO TRUCKS, AT LEAST 3 OTHER VEHICLES, 6 PROBABLE VAN TRAILERS AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED.
TWO ADDITIONAL PROBABLE LAUNCHERS AND 7 OTHER VEHICLES REMAIN BETWEEN LAUNCH POSITION AND PARKING AREA.
THE TWO 3-GUN AAA SITES REMAIN OCCUPIED.
NO APPARENT CHANGE IN FACILITIES.
OBLIQUITY LIMITS INTERPRETATION.

25X1D

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25X1A

[REDACTED] NUEVITAS SAM SITE 2 2132N 07717W

FIVE UNREVIEWED LAUNCHERS AND A GUIDANCE AREA
OBSERVED.

HAZE AND OBLIQUITY LIMITS INTERPRETATION.

25X1D

25X1A

[REDACTED] MAYARI ARriba CRUISE-MISSILE ACTIVITY 2027N 07531W

NINETEEN CRUISE-MISSILE CRATES (5 NET-COVERED),
6 MISSILE-RELATED VEHICLES, APPROXIMATELY 40 OTHER
VEHICLES, AND 5 UNIDENTIFIED PIECES OF EQUIPMENT
OBSERVED.

HAZE LIMITS INTERPRETATION.

25X1D

25X1A

AIR FACILITIES

[REDACTED] CAMILO CIENFUEGOS AIRFIELD 2229N 07955W

AIRCRAFT -- 19 UNIDENTIFIED SWEEP-WING FIGHTERS
AND 11 POSSIBLE HOUND (2 WITHOUT ROTORS).
OBLIQUITY LIMITS INTERPRETATION.

25X1D

25X1A

[REDACTED] CAMAGUEY INTERNATIONAL AIRFIELD 2125N 07750W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.
BETWEEN 275 AND 300 PERSONNEL OBSERVED IN FORMATION.

25X1D

25X1A

[REDACTED] HOLGUIN AIRFIELD 2047N 07618W

AIRCRAFT -- 25 FAGOT/FRESCO (ONE WITHOUT WINGS),
9 HOUND (ONE WITHOUT ROTORS), ONE HARE AND ONE
LIAISON.

25X1D

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25X1A

LOS CANOS AIRFIELD 2005N 07509W

NO AIRCRAFT OBSERVED.

25X1D

25X1A

SIGUANEIA AIRFIELD 2138N 08257W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

ANTONIO MACEO AIRFIELD 1958N 07550W

AIRCRAFT -- ONE C-47, ONE COLT, ONE PROBABLE
MORAVA L-200, 4 LIAISON, AND 2 HOUND.

25X1D

25X1A

SAN JULIAN AIRFIELD 2205N 08409W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

JAIME GONZALES AIRFIELD 2209N 08024W

AIRCRAFT -- ONE C-47.

25X1D

25X1A

BAYAMO AIRFIELD EAST 2022N 07637W

AIRCRAFT -- 4 COLT.

25X1D

25X1A

CAIBARIEN AIRFIELD 2230N 07928W

AIRCRAFT -- ONE LIAISON AND ONE PROBABLE HOUND.

25X1D

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25X1A

[REDACTED] BAYAMO AIRFIELD 2023N 07637W

NO AIRCRAFT OBSERVED.
CONSTRUCTION CONTINUES.

25X1D [REDACTED]

25X1A

NAVAL ACTIVITY/PORTS

[REDACTED] SIGUANEA NAVAL BASE 2136N 08258W

TWO UNIDENTIFIED SMALL VESSELS OBSERVED.

25X1D [REDACTED]

25X1A

[REDACTED] CIENFUEGOS NAVAL BASE 2208N 08027W

VESSELS -- ONE KRONSTADT-CLASS PC, 2 P-6 MTB,
ONE PROBABLE P-6 MTB, ONE PROBABLE YP ON MARINE
RAILWAY, AND 2 LARGE FREIGHTERS.
SEVEN P-6 MTB AND 2 OTHER SMALL UNIDENTIFIED
VESSELS OBSERVED AT CONSTANCIA.
OBLIQUITY LIMITS INTERPRETATION.

25X1D [REDACTED]

25X1A

[REDACTED] SANTIAGO DE CUBA NAVAL BASE AND PORT 2001N 07550W

VESSELS -- 5 LARGE FREIGHTERS, ONE SMALL FREIGHTER,
AND ONE LARGE TANKER.

25X1D [REDACTED]

25X1A

[REDACTED] MANZANILLO PORT 2021N 07707W

NO LARGE VESSELS OBSERVED.

25X1D [REDACTED]

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25X1A

[REDACTED] NUEVITAS PORT 2132N 07715W

VESSELS -- 2 LARGE FREIGHTERS AND ONE PROBABLE
TANKER OBSERVED IN CLOUD-FREE AREAS.

25X1D [REDACTED]
25X1A

[REDACTED] LA ISABELA PORT 2256N 08000W

VESSELS -- ONE LARGE FREIGHTER OBSERVED THROUGH HAZE.

25X1D [REDACTED]
25X1A

[REDACTED] CAIBARIEN PORT 2231N 07928W

NO LARGE VESSELS OBSERVED.

25X1D [REDACTED]
25X1A

[REDACTED] CASILDA PORT 2145N 07959W

NO LARGE VESSELS OBSERVED.

25X1D [REDACTED]

25X1A

ELECTRONICS/COMMUNICATIONS

[REDACTED] CIEGO DE AVILA EW/GCI RADAR SITE LA GRANJA 2152N 07846W

RADAR -- ONE POSSIBLE ROCK CAKE/STONE CAKE AND
ONE POSSIBLE FLAT FACE.
EIGHT VAN TRUCKS, 2 VAN TRAILERS AND ONE POSSIBLE
UTILITY TRUCK OBSERVED.
POOR IMAGE QUALITY LIMITS INTERPRETATION.

25X1D [REDACTED]

25X1A

MILITARY ACTIVITY

[REDACTED] GUANTANAMO AREA 2018N 07525W

NO NEW MILITARY ACTIVITY OBSERVED.
AREAS 1 AND 2 -- 90 PERCENT USABLE COVERAGE.

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AREA 3 -- 75 PERCENT USABLE COVERAGE.
AREAS 4 AND 6 -- 95 PERCENT USABLE COVERAGE.
AREA 5 -- 98 PERCENT USABLE COVERAGE.
AREAS 7 AND 9 -- 100 PERCENT USABLE COVERAGE.
AREA 8 -- 97 PERCENT USABLE COVERAGE.

25X1D [REDACTED]
25X1A

[REDACTED] HOLGUIN MILITARY CAMP 2053N 07613W

NO APPARENT CHANGE IN FACILITIES.
MAIN CAMP -- 19 TANKS/SP GUNS, 92 CARGO TRUCKS,
ONE VAN TRUCK, 8 UTILITY TRUCKS, 2 POSSIBLE
BRDM APC, AND 5 PROBABLE AAA PIECES.
CAMP .6 NM SW -- 8 CARGO TRUCKS, 15 AAA PIECES,
AND 22 AAA/MORTARS.
CAMP 2.2 NM SE -- 4 CARGO TRUCKS, AND 6 UNIDENTIFIED
PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES IN ALL CAMPS.

25X1D [REDACTED]
25X1A

[REDACTED] OFELIA MILITARY CAMP 2006N 07530W

NO APPARENT CHANGE SINCE [REDACTED] 25X1D

25X1D [REDACTED]
25X1A

[REDACTED] SANTA CLARA AREA MILITARY ACTIVITY 2220N 07957W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-ONE TANKS/SP GUNS AND 7 OTHER VEHICLES
OBSERVED.

25X1D [REDACTED]
25X1A

[REDACTED] CAMAGUEY MILITARY CAMP 2126N 07753W

AT LEAST 40 PROBABLE CARGO TRUCKS, 8 OTHER
VEHICLES, AND AT LEAST 30 FA/MORTARS OBSERVED.

25X1D [REDACTED]

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25X1A

[REDACTED] EL CRISTO MILITARY INSTALLATION 2008N 07547W

MAIN CAMP -- 19 CARGO TRUCKS, 2 OTHER VEHICLES
AND 6 PROBABLE FA PIECES.
CAMP 1.6 NM NE -- NO LONGER CONSIDERED MILITARY
AND WILL NOT BE REPORTED.

25X1D
25X1A

[REDACTED] SANTA FE MILITARY CAMP LUMUMBA 2142N 08249W

NO APPARENT CHANGE IN FACILITIES.
FIVE UNIDENTIFIED VEHICLES OBSERVED IN CLOUD-FREE
AREAS.

25X1D
25X1A

[REDACTED] MACAGUA MILITARY CAMP 2050N 07610W

NO APPARENT CHANGE IN FACILITIES.
NO VEHICLES OR EQUIPMENT OBSERVED.

25X1D
25X1A

[REDACTED] JURAGUA MILITARY ACTIVITY 2209N 08035W

NO APPARENT CHANGE IN FACILITIES.
THIRTY-THREE CARGO TRUCKS OBSERVED.

25X1D
25X1A

[REDACTED] GUANE MILITARY CAMP 2212N 08408W

NO VEHICLES OBSERVED IN CLOUD-FREE AREAS.

25X1D
25X1A

[REDACTED] HOLGUIN MILITARY CAMP NW 2057N 07616W

TWENTY-ONE TANKS/SP GUNS, 17 CARGO TRUCKS AND 14
PROBABLE AAA PIECES OBSERVED IN CLOUD-FREE AREAS.

25X1D

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25X1A

██████████ ANTON RECIO MILITARY INSTALLATION 2211N 08036W

FOUR UNIDENTIFIED VEHICLES OBSERVED IN CLOUD-FREE AREAS.

THE 6-GUN AAA SITE REMAINS OCCUPIED. SEVENTEEN CARGO TRUCKS AND 12 PROBABLE AAA PIECES OBSERVED AT SITE.

25X1D

25X1A

██████████ SANTA CLARA AREA ARTILLERY TRAINING AREA 2222N 08000W

AREA 1 -- 11 PROBABLE BRDM APC, 12 PROBABLE CARGO TRUCKS, 4 CARGO TRAILERS AND 3 FA PIECES.

AREA 2 -- 6 PROBABLE CARGO TRUCKS.

AREA 3 -- 18 PROBABLE CARGO TRUCKS AND AT LEAST 3 POSSIBLE FA PIECES.

AREA 4 -- 16 PROBABLE TANKS/SP GUNS AND 14 CARGO TRUCKS.

25X1D

25X1A

██████████ SANTA ISABEL FINCA MILITARY CAMP 2005N 07528W

MAIN CAMP -- NO APPARENT CHANGE IN FACILITIES.

TWENTY CARGO TRUCKS, AT LEAST 3 FA PIECES, 7

MORTARS, AND AT LEAST ONE AAA PIECE.

CAMP ONE NM NORTH -- 10 CARGO TRUCKS AND 6 FA PIECES.

HAZE LIMITS INTERPRETATION.

25X1D

25X1A

██████████ DOS CAMINOS MILITARY CAMP 2014N 07547W

AT LEAST 20 UNIDENTIFIED VEHICLES AND 10 FA PIECES OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

██████████ LA VEGUITA MILITARY CAMP 2049N 07615W

NO APPARENT CHANGE IN FACILITIES.

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SEVEN CARGO TRUCKS, ONE UTILITY TRUCK,
7 UNIDENTIFIED PIECES OF EQUIPMENT, AND 12 FA
PIECES OBSERVED.

25X1D [REDACTED]
25X1A [REDACTED]

[REDACTED] SANTA FE MILITARY AREA 2144N 08247W

MAIN CAMP AND CAMP 1.5 NM WNW -- CLOUD-COVERED.
CAMP 4.8 NM NW -- AT LEAST 12 CARGO TRUCKS.

25X1D [REDACTED]
25X1A [REDACTED]

[REDACTED] HEREDIA MILITARY CAMP 2134N 07800W

MAIN CAMP -- CLOUD-COVERED.
CAMP 0.5 NM NE -- 18 UNIDENTIFIED VEHICLES.

25X1D [REDACTED]
25X1A [REDACTED]

[REDACTED] PUERTO PADRE MILITARY AREA 2111N 07639W

AT LEAST 4 UNIDENTIFIED VEHICLES OBSERVED IN
CLOUD-FREE AREAS. CONSTRUCTION CONTINUES.
SUPPORT AREA -- 10 LARGE NON-SOVIET TENTS AND 16
UNIDENTIFIED VEHICLES OBSERVED IN CLOUD-FREE AREAS.

25X1D [REDACTED]
25X1A [REDACTED]

[REDACTED] CUABITAS MILITARY CAMP 2003N 07548W

TEN TANKS/SP GUNS, 14 CARGO TRUCKS, 2 VAN TRUCKS,
AND 12 AAA PIECES.

25X1D [REDACTED]

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-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE
SINCE LAST COVERAGE--

25X1A	[REDACTED]	SANTIAGO DE CUBA CRUISE-MISSILE STORAGE	2004N 07551W
		PUERTO PADRE PORT	2113N 07632W
		CAMAGUEY EW/GCI RADAR SITE	2121N 07751W
		HOLGUIN EW/GCI RADAR SITE	2048N 07618W
		SANTIAGO DE CUBA EW/GCI RADAR SITE	1959N 07551W
		TRINIDAD AREA POSS MIL HEADQUARTERS	2150N 07953W
		LA PELUDA STORAGE AREA	2019N 07548W
		SIBONEY LANDING BEACH	1957N 07542W
		PLAYA YATERITAS LANDING BEACH	1958N 07457W
		CIENFUEGOS LANDING BEACH	2202N 08036W
		MAR VERDE LANDING BEACH	1957N 07557W
		ENSENADA COLORADO LANDING BEACH	2202N 08025W
		PLAYA COLOMBO LANDING BEACH	2154N 08246W
PLAYA DE FLAMENCOS LANDING BEACH	2153N 08243W		

25X1D 25X1D

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT
NOT INTERPRETED--

25X1A	[REDACTED]	SAGUA LA GRANDE MRBM SITE 2	2239N 07951W
		CAIBARIEN SAM SITE	2228N 07929W
		MATA SAM SITE	2235N 07955W
		SIGUANEA CRUISE-MISSILE SITE	2137N 08258W
		BARACOA AIRFIELD NORTHWEST	2021N 07430W
		SAN JULIAN EW/GCI RADAR SITE	2206N 08409W
		PUNTA MAISI LOW-SIEVE RADAR SITE	2015N 07409W
		REMEDIOS MILITARY AREA	2227N 07935W
ALTO CEDRO MILITARY CAMP	2029N 07600W		

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